

LER No.: 50-321/1981-110, Rev. 1
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-110, Revision 1
Update Report - Previous Report Date 10/29/80

On October 2, 1981, with the reactor in hot standby, mainstack monitor was found inoperative. Environmental Technical Specifications Section 2.1.4.b requires continuous monitoring of gaseous releases for gross radioactivity. There was neither flow nor delta p on the panel. The sample pump B was not running, redundant pump A was put in service, and the system was returned to its normal operation within half an hour. The health and safety of the public were not affected by this repetitive event as last reported on LER 50-366/1980-031.

The reason the pump B was inoperative was due to corrosion of carbon vanes. The pump was disassembled, the vanes cleaned, and reinstalled in the pump, and the pump was found to be performing satisfactorily.

These type pumps (carbon vane) are installed in the reactor building vent radiation monitors for both Units 1 and 2 and have experienced similar operating problems. A study will be undertaken to determine what action can be taken to minimize future occurrences of this type. A quarterly preventive maintenance program now being performed on carbon vane pumps for Units 1 and 2 has minimized occurrences of this type.